

# FRESHMAN EDITION

# TOIKE OIKE



TOIKE OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,  
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.

Vol. XXV

MONDAY, SEPTEMBER 25, 1933

No. 1

## PRESIDENT'S MESSAGE

Welcome Freshmen. This will be your home for the next four years and we hope that these years will bring to you as much happiness as they have to us. No doubt you all have plans for the coming term. Make sure that they include everything necessary to prepare you for your career as an Engineer. First, plan to do enough studying to pass, at least comfortably, "above the line".

Men of 3T4, on you rests the responsibility of the undergraduate government of School. Let us all dig right in and do things so that our class will always be favourably remembered.

It behooves you third year men to prepare yourselves for the positions now held by the seniors. Some of you will stand for office next spring. Study your Engineering Society and plan ways of improving things.

Sophomores. Yours is the task of "educating" the Frosh. Ways and means of doing this soon present themselves, but in all things remember that you are Schoolmen, and you are teaching the newcomers to be Schoolmen. Make sure you set them the right example by your conduct at all times.

Freshmen. You are soon to join the ranks of Schoolmen, but until you are fully received into this brotherhood, there are certain duties and customs you are expected to observe. Do not think that these are impositions upon your dignity. They are old, time-honoured customs and we have all been through the mill. Read your rules for Freshmen and try to govern yourself accordingly. We hope to be able to boast of what a fine bunch of freshmen we have. It is up to you. We are very proud of our School. Her prestige is great in academics and in sport. We look to you to carry on these fine achievements and traditions.

Finally, freshmen, you are asked to help out in a small way. It is customary for each freshman to spend at least one day working in the Supply Department Store. Your Vice-President will notify you when to report for duty—be on time. Your class reputation depends on how you acquit yourself at this job.

For more than fifty years School-  
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## RUMMY RIMES (for Freshmen)

A lot of Freshmen every Fall come walking proudly down the hall. They sign their names and pay their dough, and think they're "Mr. So-and-So"; and now they think they're Engineers, before they're dry behind the ears. They come to School from near and far to let us know just who they are; they paw the air and shoot the guff, and act as though they knew their stuff. Although their views are premature, we'll try to tell them off for sure. "Advice is cheap", they'll smartly say; correct they are in every way; but listen, Frosh, and no mistake, to heart our tips you'd better take. Your wisecrack soon makes sick the soul, and for it, lad, you'll pay your toll. And let us tip you off to this: Your tie is green, so never miss a chance to show it off complete. "Ties out" means that and no retreat. Don't argue with the wiser man, on all such things we've placed a ban. Go make a noise; go yell and shout, but spoil a drawing and you're "out". So stow the gab and keep alert or off will come your nifty shirt. If you study hard, take our advice, you'll pass next spring—now ain't that nice?

Anon. Soph.

## RULES FOR FRESHMEN

The following rules have been drawn up and approved and will be observed by all Freshmen during the time stated:

The first group of rules will be enforced during the whole School year.

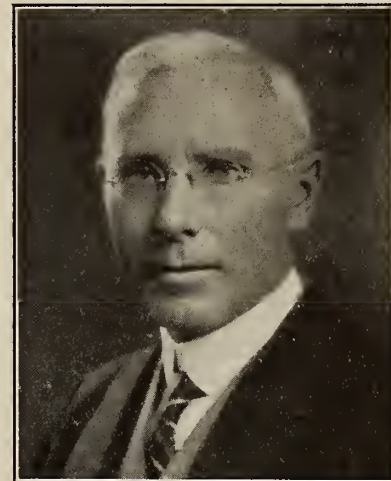
1. The first year will supply all fatigue parties required by the Engineering Society Executive. These parties will be detailed by the first year executive.

2. The first year will provide one man daily to report to the President of the Engineering Society for whatever services may be required. Members of the first year executive and Engineering Society Committees are exempt.

3. Freshmen shall NOT use the east door of the Engineering building.

4. Freshmen must NOT wear SPATS, DERBIES or GOLF NICKERS.

The following rules must be observ-  
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DEAN MITCHELL

## THE DEAN'S MESSAGE To the Students in Applied Science

Gentlemen:

Again we welcome you all to the new Session of the Faculty of Applied Science and Engineering. You are to be congratulated upon being promptly on time and it is to be hoped that it is a record you will maintain throughout the year. Students and graduates of this Faculty are always on time and ready for their work, and if the reputation of the old "School" and its graduates is followed, you will always be just a little ahead!

I hope you have all had a good summer vacation. Some of you will wonder what is meant by the expression "good". We well realize that, as the engineering and technical experience which all so very much wish to secure in the long summer vacations, there is not much that is encouraging these days. Comparatively few of you have been fortunate in obtaining, during the past summer, practical experience which may be considered useful in connection with your Applied Science engineering and architectural education. This is to be regretted but these days we are all victims of the difficult times.

Let me point out, however, that in a general way, the engineering profession and students like yourselves proceeding to qualify in it, are better off in respect to employment in it and in  
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## The Toike Oike

*Devoted to the interests of the Under-graduates of the Faculty of Applied Science.*

*Published Every Now and Then by the Engineering Society of the University of Toronto*

### ENGINEERING SOCIETY

President ..... Ner Tyson  
1st Vice ..... Stan Smith  
2nd Vice ..... Don Ritchie  
Treasurer ..... Bob Hewitt  
Secretary ..... To be appointed  
Director of Publications and Publicity  
Bob Anderson

### CLUB CHAIRMEN

Architectural ..... Fred Lasserre  
Chemical ..... Don Fraser  
Civil ..... John Borbey  
Debating ..... To be appointed  
Electrical ..... To be appointed  
Mechanical ..... Don Cornish  
M. & M. .... Johnny Carrington

### YEAR PRESIDENTS

Fourth ..... "Shep" Shepherd  
Third ..... Nels Kelly  
Second ..... Bob McIntyre  
First ..... To be elected

### SCHOOLMEN ON HART HOUSE COMMITTEES

House ..... E. R. Eaton, III  
R. M. Archer, IV  
Hall ..... S. N. K. Keyes, IV  
D. F. Cornish, IV  
Library ..... W. S. Smith, IV  
Music ..... G. W. Cairns, IV  
J. A. Harley, IV  
Billiard ..... C. J. R. Ballantyne, III  
Sketch ..... O. F. Bush, IV  
F. Lasserre, V  
Camera ..... G. R. E. Pitts, IV  
J. F. Weston, IV  
R. W. Mancantelli, IV

### HART HOUSE

Hart House, unique in Canada and indeed in the world, is one of the greatest blessings conferred on the male undergraduates of Varsity. It is their club, self-supporting, self-governing, embracing every need of the undergraduate outside the classroom.

The Warden of Hart House is Mr. J. B. Bickersteth, a graduate of Oxford, in whom all the ramifications of the House are co-ordinated. The Comptroller, Mr. J. R. Gilley, and the Assistant Comptroller, Mr. W. R. Cowan, are both School graduates and have control of the large staff. The governing body is the Board of Stewards, comprising both faculty and undergraduate representatives. There are eight standing committees of un-

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### THE ENGINEERING SOCIETY

The University of Toronto Engineering Society is the Association of all the undergraduates of this faculty. It was founded in 1885, being known at that time as the Engineering Society of the School of Practical Science. In its fourth year the president was chosen from among the students, and from that time the senior officer has been chosen from the fourth year. At first membership was optional but later a compulsory fee of \$2.00 was collected from every student in registration. It is, therefore, your own society.

At the present time the Society is divided into four years or classes, each of which is represented on the executive by the year president. It is further divided into seven clubs, viz., The Civil Club, The Mechanical Club, The Electrical Club, The Debating Club, The Mining and Metallurgical Club and The Architectural Club. Meetings are held by the Society and by each Club at regular intervals during the School term.

Each spring during the first week in March the annual elections are held for the following offices on the Engineering Society Executive: President, 1st and 2nd Vice-President, Treasurer and Secretary. The incoming first year elect their officers as soon as possible after the opening of the session.

The Society controls all general undergraduate activities in the School except athletics with which department, however, it works in harmony. The Society runs the Supply Department for the convenience of the students, and any profits that may accrue go to the Society to give it the financial backing to make the School Dinner and At-Home the two leading functions of their kind in the University.

One thing more, the Society prints little booklets of the Constitution. You are invited to obtain one gratis at the Supply Department and become thoroughly familiar with the rules of your own Engineering Society.

### THE FACULTY OFFICE

The Faculty Office is located in the southeast corner of the Mining Building, in Room 38. Therein may be found the Dean, General Mitchell; the Secretary, Mr. Wilson, and two assistants, Miss Birkett and Miss Fenton. They are there to solve your difficulties concerning courses, exams, credits and all the host of regulations that often bewilder the newcomer.

But before you go dashing in with a problem, read the first 50 pages of the Faculty Calendar. That done, most questions are answered, but any that still remain will gladly be settled at the office.

### AN EDUCATION

According to the encyclopedia an education is the scientifically matured system of developing and cultivating the various physical, intellectual, social and moral faculties. Thus during your term at College make sure of your own four-fold development and take advantage of all the opportunities offered. The Athletic Association will gladly help in building your body, all the local churches have opened their doors for the security of your soul, our lecturing staff is perfectly prepared to train your mind in the proper Engineering direction, but do you know where the social side of your college life appears?

It is indeed greatly in evidence for the modern Engineer has to be as good a tea-hound as an Arts man. Three of the foremost social functions of the University are sponsored by your Engineering Society, and it is your bounden duty to your ownself to learn about them and attend. Of course besides the three main functions there are many of a more minor nature at which your presence will be requested, such as Year Dances, Club Smokers, etc. You will be well informed of these as the term progresses. The object of this article is to give you a vague idea of the night-life of a real Schoolman and arouse the interest of the incoming Freshman.

This autumn the "44th Annual School Dinner" will be staged in that really great "Great Hall" of Hart House. A statesman and Engineer of wide repute is being secured as guest speaker and will deliver an address you will long remember. Flanking him at the Head Table will be the foremost men of our own Faculty, University, City, and Province. Mingling with you shoulder to shoulder in the vast audience will be all your instructors and professors. Before you will be placed platters of bounteous fare in epicurean style. Mixing with the joyous chatter of good fellowship will be the soothing murmur of soft music. Does this not conjure up thoughts of a big evening?

Then after the burdens of Christmastide and the worry of the ensuing exams comes "School Nite". There is no need of enlarging greatly on this topic as its fame has spread to the far corners of the land. It is just an evening for carefree youth to frolic at will throughout the fourscore walls of Hart House dancing a bit here, watching a short amusing skit there, having a spot of coffee in the Great Hall, and then some more dancing. Everyone who can wangle a ticket goes but I warn you that the supply is inadequate to meet the demand.

These two nights are great ones, but they soon fade into the murky past

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## FUNDAMENTAL PROPERTIES OF WOMEN

A woman is man's chief amusement in his lighter moments. She is also his chief annoyance. Woman is classified by man according to aesthetic appeal, behaviour, type and temperature. She is classified by woman according to status, past and waist-line. Neither system is infallible; but woman prefers the former (which is flattering), to the latter (which is merciless).

Woman has two purposes in life—to star socially and to preserve her figure. To effect the first she must have money (which requires someone to make it). This naturally pointed to man—so woman invented matrimony; and in order to have sole use of man's income she developed monogamy. Monogamy is an ambiguous word derived from the Greek root meaning "one at a time". Finding that this was a very boring state she instituted divorce, on the premise that a change is as good as a rest, and that two sources of income are better than one.

This is one manifestation of the art of getting something for nothing (or for very little). This is sometimes called "gold-digging". There are several grades of gold-digging, requiring several degrees of skill. In its highest form this art is practised on a "sugar-daddy" who, if carefully selected and cultivated, pays marvellous dividends. In its crudest form this art is practised on an "ex" who is constrained by law to pay alimony. This is usually the method of the less skillful.

In order to preserve her figure, woman invented the calorie and learned to count. This is known as reducing, but because she cannot add the process is seldom successful. Reducing consists of doing without breakfast, eating a lettuce-leaf and two radishes for lunch, cutting out bread and butter and simple vegetables so that one may enjoy afternoon tea, have two helpings of pastry for dinner and consume bonbons by the pound. The chief virtue of reducing is that it gives woman something else to talk about besides men, fashions, obstetrics, and scandal.

## DRAFTING SUPPLIES

The following list of supplies can be purchased at the Supply Department:—

- 1 Drawing board.
- 1 T-square.
- 1 Celluloid T-square, 10 in.
- 1 Set square, 45, 10-in.
- 1 Set square, 60, 10-in.
- 1 dozen thumb tacks.
- 1 Fractional scale.
- 1 Decimal scale.
- 1 Pencil pointer.
- 1 H pencil.
- 1 2H pencil.
- 1 3H pencil.
- 1 Cleaning rubber (art gum).
- 1 Ink rubber.
- 1 bottle drawing ink (black).
- 1 bottle drawing ink (red).
- 1 bottle drawing ink (blue).
- 1 Set drawing instruments.
- 4 sheets egg-shell drawing paper.
- 1 Portfolio.
- 1 Dusting brush.
- 1 Penholder.
- 3 Pen nibs, No. 312.
- 1 Erasing shield.
- 2 Sketch problem covers.
- 1 Sketch problem pad.

The above list is solely to guide you in the first purchases you will require practically at once. Other things, such as note books, text books, etc., you will also require. The Supply Department carries a large stock of note books, refills, printed notes, pencils and so on, but your text books may be obtained from the Students' Book Department, in behind the Physics Building, at reduced rates. The S.A.C. in Hart House has a book exchange, where second-hand books may be obtained at a very reasonable price. However, do not buy your books until each lecturer has told you what you will require.

## NEWS FLASH! !

One of the most important functions to Schoolmen is the Annual School Dinner. According to latest reports from the executive this year's Dinner promises to pass all former marks for entertainment and good food. As in previous years, an excellent meal will be provided much below cost. Watch for the announcement of the date and prepare yourself for a big time.

## THE SUPPLY DEPARTMENT

Your society, that is, the Engineering Society, maintain, at considerable expense, a Supply Department, which, as shareholders, every Schoolman should support. Here you will find that all supplies needed at S.P.S. other than text-books, are available at the very lowest cost for such a high quality of goods.

You will find that quite a number of the items sold at the Department are available there only, and all have been carefully selected and approved by both members of the faculty and seniors.

This School supply room is located on the main floor of the Engineering Building, and is usually the "Mecca" of all Engineers during the first part of the session. The young lady (charming too, eh?) behind the counter is Miss Bradshaw, and she is always more than ready to give you every assistance possible.

As mentioned before, this department is run by the students and for the benefit of the students. When you pay your society fee, you become a partner in the business, and its success depends upon your patronage.

This year, due to the economic condition of the world, we have been able to buy a large part of our stock much cheaper than ever before, consequently we can assure you of the best prices. If you are skeptical about these prices, we urge you to waste a couple of valuable afternoons scouting around town trying to find the same value at a lower price. It can't be done, and for several reasons. First, we are not here to profiteer as you can see from our selling prices, which are close to cost. Then, we buy such quantities that we are able to obtain low prices. And, lastly, we are acquainted with your requirements and don't sell you a lot of useless junk.

We would also like to stress that if you are in need of advice re supplies, location of rooms, etc., do not hesitate to ask some member of the executive at the office. We will gladly give it to you, so, in closing we say, be sure to patronize your store as it is one of the Engineering Society's proudest possessions.

D. G. RITCHIE, 3T5,  
2nd Vice-President.

# SEE THE SUPPLY DEPARTMENT FIRST

FULL SIZE "SIGHT-SAVE" REFILLS - 20c.

LAB COATS

SLIDE RULES

DRAFTING SUPPLIES

## PUBLICATIONS

The Student Handbook, commonly called the "Bible", is published by the Students' Administrative Council. This contains considerable valuable information and a handy diary space. It is issued free to every student, so be sure to obtain your copy at the Supply Department.

"The Varsity" is the University undergraduate daily newspaper published every morning but Saturday. It is supported by the Students' Administrative Council and you pay for your subscription in your S.A.C. fee.

Each year a "Directory of Staff and Students" is published, giving the location of everyone in the University. A list of all names, addresses and phone numbers will be posted in the Mining Building and you are requested to check the accuracy of your name. Report any errors in listing to the Faculty Office.

"Transactions and Year Book" is the annual publication of the Engineering Society. It is printed every spring and contains a resume of the past year's academic, athletic and social activities. Every Freshman should obtain a copy at the Supply Department and become familiar with the doings around School.

"Toike Oike" is sponsored by the Engineering Society. It is issued every now and then when any special function demands extra publicity.

There is always an opening on the staff of the Varsity for reporters from School. It is a one day a week job and those interested are asked to communicate with the Director of Publications.

Those with a journalistic turn of mind will find ample scope for their special talents on the editorial staff of the "Toike Oike" and on the Board of Editors of "Transactions". Experience, although useful, is not necessary.

## RULES FOR FRESHMEN

(Continued from Page 1)

ed up to the time of the School initiation:

1. All Freshmen will wear a green tie of the style approved and supplied by the Supply Department of the Engineering Society.

2. All Freshmen will enter the School buildings by the basement doors only.

3. Freshmen will remove their hats on entering all School buildings.

There will be no hazing. The initiation ceremony will be arranged by representatives of the first and second year executives with the approval of the Faculty and the Engineering Society. You will be notified in due time of further details regarding this important function.

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## THE DEAN'S MESSAGE

occupations akin to it than almost any other profession. Let me repeat what I have said on various occasions the past several years: that occupations and activities in which engineering is concerned have usually been the last to subside in an approaching depression and the first to revive when it is terminating. The present depression, long as it has been, longer and more severe than any heretofore, is now terminating and indeed, in the opinion of many, has already terminated.

So to the *Third and Fourth Years*, in welcoming you back to a new Session, I say: come back with confidence that things are getting better and pursue your studies with your utmost energy and interest, wise in that confidence that your profession is all right and Canada is all right and you will all shortly be taking your part in the revival which is shortly due. Let me suggest too in this regard that you keep well informed as to the economic happenings in Canada, in the Empire and in the neighbouring country. The past summer has been full of important events which are affecting and will influence your profession perhaps more than any other.

To the *Second Year* I would say after you have read the foregoing to the senior years: try to visualize the same future which you are approaching and keep before you too the desirability of becoming and continuing *au fait* with affairs of the country as that is important for engineering students now more than at any time in the past decade. You now enter an intensive, difficult year. Do not fail to keep up your good record of last year. You have, by this time, learned *how* to study: let me suggest that you commence right at the opening of the term to march closely with your work and then keep up in step with it as lectures and laboratory proceed.

We especially welcome the students of the *First Year*. This will now be your new home for the next four years. You, on your part, bring new thoughts and ambitions with you, but you will find that they are much the same as those already here among your fellow students of the upper years. Be sure that you work from the first day with your best efforts to attain these ambitions. Be proud of your work, your Faculty, and your University.

To students of all years I heartily wish you all success for the coming Session.

C. H. MITCHELL,  
September 18, 1933. Dean.

## PRESIDENT'S MESSAGE

(Continued from Page 1)

men in passing through the Little Red School House have left their contribution to the traditions and reputation which you and I now enjoy. Each class adds a little more. See that your contribution comes up to standard and let's see what a banner year we can make this.

Sincerely,

NER TYSON,  
President.

## HART HOUSE

(Continued from Page 2)

dergraduates elected every spring to direct the various branches of the House. School's representatives on these committees are listed under the Mast Head (page 2), and any one of them will be glad to tell you anything you want to know about the House.

Hart House is yours, so use it as you would your club or home. There are no rules in the House. They have never been necessary. It is not, however, customary to smoke in the Great Hall, nor to wear one's hat in the House, except in the corridors. It is really a gentleman's club and the members, thus classified, seldom abuse the privilege; hence the necessity for rules has never arisen.

The first thing to do in the House is to go to the tablet by the southeast door and read the Founder's Prayer. Read it twice and think about it. Then go to work to help make that prayer come true.

## AN EDUCATION

(Continued from Page 2)

when the glamour and glitter of the "School At-Home" is turned on. When the Engineering Society announces to the world annually that they are "at-home", there is no necessity for the loud blaring of trumpets. The glad tidings spread quicker than oil on water and soon graduates from near and far begin the trek towards their old haunt. A leading downtown hostelry will be burnished and polished inside and out in preparation for the big night. Their kitchen shelves will be stocked with meat and drink fit for royal acclaim. Just imagine yourself floating majestically about the grand ballroom with a vision in a fluffy gown in your arms. The lights are dimmed and the strains of the latest waltz sensation pour from the tapestried platform where the nation's smartest aggregation of musicians are concealed. I could write forever of the glorious wonders of this night but you shall find them out for yourself next February.

W. STANLEY SMITH,  
First Vice-President.